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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Mltistage bilateral noise filtering and edge detection for color image enhancement**  
Wen-Chung Kao; Ying-Ju Chen;  
Consumer Electronics, IEEE Transactions on  
Volume 51, Issue 4, Nov. 2005 Page(s):1346 - 1351  
IEEE JNL
2. **Integrating edge detector and bilateral noise filter for enhancing color images**  
Wen-Chung Kao; Ying-Ju Chen; Chia-Ping Shen; Chi-Wu Huang; Sheng-Yuan Lin;  
Circuits and Systems, 2006. ISCAS 2006. Proceedings. 2006 IEEE International Symposium on  
21-24 May 2006 Page(s):4 pp.  
IEEE CNF
3. **Design of a High Performance Digital Architecture for Real-Time Correction of Radial Lens Distortion**  
Ngo, Hau T.; Asari, Vijayan K.;  
Circuits and Systems, 2006. MWSCAS '06. 49th IEEE International Midwest Symposium on  
Volume 2, 6-9 Aug. 2006 Page(s):526 - 530  
IEEE CNF
4. **Local Image Registration by Adaptive Filtering**  
Caner, G.; Tekalp, A.M.; Sharma, G.; Heinzelman, W.;  
Image Processing, IEEE Transactions on  
Volume 15, Issue 10, Oct. 2006 Page(s):3053 - 3065  
IEEE JNL
5. **Correction of distortion in endoscope images**  
Smith, W.E.; Vakil, N.; Maislin, S.A.;  
Medical Imaging, IEEE Transactions on  
Volume 11, Issue 1, March 1992 Page(s):117 - 122  
IEEE JNL
6. **Using texture maps to correct for optical distortion in head-mounted displays**  
Watson, B.A.; Hodges, L.F.;  
Virtual Reality Annual International Symposium, 1995. Proceedings.  
11-15 March 1995 Page(s):172 - 178  
IEEE CNF
7. **A Simple and Effective Correction Method for Distorted Image from Camera Lens System**  
DongHun Lee; Seunghwan Choi; DoEun Kim; TaeYong Kuc;  
SICE-ICASE, 2006. International Joint Conference  
Oct. 2006 Page(s):2964 - 2968  
IEEE CNF
8. **An image correction-based approach to camera calibration**  
Yao-Quan Yang; Dong-Sheng Zhang; Wei Gu; Yu-Dong Lu;  
Machine Learning and Cybernetics, 2004. Proceedings of 2004 International Conference on  
Volume 6, 26-29 Aug. 2004 Page(s):3751 - 3754 vol.6  
IEEE CNF

9. **Study on the effect of object to camera distance on polynomial expansion coefficients in barrel distortion correction**  
Tian, H.; Srikanthan, T.; Asari, K.V.; Lam, S.K.;  
Image Analysis and Interpretation, 2002. Proceedings. Fifth IEEE Southwest Symposium on  
7-9 April 2002 Page(s):255 - 259  
IEEE CNF
10. **Vehicle License Plate Detection using Local Fractal Dimension and Morphological Analysis**  
Lensky, A.A.; Kang-Hyun Jo; Gubarev, V.V.;  
Strategic Technology, The 1st International Forum on  
18-20 Oct. 2006 Page(s):47 - 50  
IEEE CNF
11. **A Personal Surround Environment: Projective Display with Correction for Display Surface Geometry and Extreme Lens Distortion**  
Johnson, T.; Gyafas, F.; Skarbez, R.; Towles, H.; Fuchs, H.;  
Virtual Reality Conference, 2007. VR '07. IEEE  
10-14 March 2007 Page(s):147 - 154  
IEEE CNF
12. **Distortion correction for digital cameras**  
Yung-Chieh Lin; Chiou-Shann Fuh;  
Computer Graphics, Image Processing, and Vision, 1998. Proceedings. SIBGRAPI '98. International Symposium on  
20-23 Oct. 1998 Page(s):396 - 401  
IEEE CNF
13. **Multiscale merging by a mixed approach for edge detection**  
Laligant, O.; Truchetet, F.; Yan voon, L.F.C.;  
Time-Frequency and Time-Scale Analysis, 1996., Proceedings of the IEEE-SP International Symposium on  
18-21 June 1996 Page(s):25 - 28  
IEEE CNF
14. **An embedded camera lens distortion correction method for mobile computing applications**  
Wonpil Yu;  
Consumer Electronics, IEEE Transactions on  
Volume 49, Issue 4, Nov. 2003 Page(s):894 - 901  
IEEE JNL
15. **Real-Time Image Distortion Correction using FPGA-based System**  
Hernandez, Alvaro; Gardel, Alfredo; Perez, Laura; Bravo, Ignacio; Mateos, Raul; Sanchez, Eduardo;  
IEEE Industrial Electronics, IECON 2006 - 32nd Annual Conference on  
Nov. 2006 Page(s):nil7 - nil11  
IEEE CNF
16. **Resolution enhancement of video sequences with adaptively weighted low-resolution images and simultaneous estimation of the regularization parameter**  
Hu He; Kondi, L.P.;  
Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on  
Volume 3, 17-21 May 2004 Page(s):iii - 213-16 vol.3  
IEEE CNF
17. **A new algorithm to correct fish-eye- and strong wide-angle-lens-distortion from single images**  
Brauer-Burchardt, C.; Voss, K.;  
Image Processing, 2001. Proceedings. 2001 International Conference on  
Volume 1, 7-10 Oct. 2001 Page(s):225 - 228 vol.1  
IEEE CNF

- 18. Detection of rectangular pulses using median based prefiltering**  
Lensu, T.; Vehvilainen, M.; Tenhunen, H.; Neuvo, Y.;  
Systems Engineering, 1990., IEEE International Conference on  
9-11 Aug. 1990 Page(s):224 - 227  
IEEE CNF
- 19. Edge detection by multiscale merging**  
Laligant, O.; Truchete, F.; Miteran, J.;  
Time-Frequency and Time-Scale Analysis, 1994., Proceedings of the IEEE-SP International Symposium on  
25-28 Oct. 1994 Page(s):237 - 240  
IEEE CNF
- 20. Estimating the radial distortion of an optical system; effect on a localization process**  
Remy, S.; Dhome, M.; Daucher, N.; Lapreste, J.T.;  
Image Processing, 1994. Proceedings. ICIP-94., IEEE International Conference  
Volume 2, 13-16 Nov. 1994 Page(s):997 - 1001 vol.2  
IEEE CNF
- 21. Automatic Extraction and Matching of Control Points for Distortion Correction in Star-Background Image**  
Liu, Zun-yan; Zhao, Dan-pei; Jiang, Zhi-guo; Yang, Jun-li;  
Image and Graphics, 2007. ICIG 2007. Fourth International Conference on  
22-24 Aug. 2007 Page(s):764 - 768  
IEEE CNF
- 22. Efficient multi-image registration with illumination and lens distortion correction**  
Getian Ye; Pickering, M.; Frater, M.; Arnold, J.;  
Image Processing, 2005. ICIP 2005. IEEE International Conference on  
Volume 3, 11-14 Sept. 2005 Page(s):III - 1108-11  
IEEE CNF
- 23. Correction of geometric lens distortion through image warping**  
Lucchese, L.; Mitra, S.K.;  
Image and Signal Processing and Analysis, 2003. ISPA 2003. Proceedings of the 3rd International Symposium on  
Volume 1, 18-20 Sept. 2003 Page(s):516 - 521 Vol.1  
IEEE CNF
- 24. An embedded camera lens distortion correction method for mobile computing applications**  
Wonpil Yu; Yunkoo Chung;  
Consumer Electronics, 2003. ICCE. 2003 IEEE International Conference on  
17-19 June 2003 Page(s):400 - 401  
IEEE CNF
- 25. Noise effects in laser diodes with filtered external optical feedback**  
Yousefi, M.; Vemuri, G.; Fischer, A.P.A.; Lenstra, D.;  
Lasers and Electro-Optics Society 2000 Annual Meeting. LEOS 2000. 13th Annual Meeting. IEEE  
Volume 2, 13-16 Nov. 2000 Page(s):742 - 743 vol.2  
IEEE CNF